

# Manhole Inspection Summary

Manhole # S31AA2018MH

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**Inspection** ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **31AA2** Node: **018** Status: **Found**

Insp Date: **4/18/07 9:04 AM**

Incomplete Comments

Crew: **JY, JJ**  
Inspector: **Yi, J**  
Firm: **RKK**

**Location** Address: **103 CROYDON RD**

Cross Street: **NORTHERN PKWY**

**Manhole** Type: **Junction** Location: **Grass**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

**Cover** Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame** Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment** ☒ Exists Material: **Brick** ☐ Parged Height: **7** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

**Corbel** Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☒ **Wall**

**Barrel** Material: **Brick** ☐ Parged

Shape: **Circular** Diameter: **42** (in.) Length: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

**Bench** ☒ Exists Material: **Brick** ☐ Parged ☒ **Debris** (not Condition related)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel** Material: **Brick** ☐ Parged ☒ **Debris** (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☒ **Deteriorated** ☐ Leaks ☐ Debris

**Steps** Count: **6** Missing: **0** ☐ Corroded

**Surcharge** ☒ **Evidence Of Surcharge** Depth: **1** (ft.) ☐ Active Surcharge Present

Location View



Top View



Evidence of surcharge - Bench debris.  
Channel debris.

Defect



Adjustment and Corbel infiltration - other side.

Defect



Channel root intrusion.

Defect



Adjustment deterioration and infiltration.  
Corbel infiltration.

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### 8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Barrel deterioration and infiltration.

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **11.66** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Broken**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

### 6 in. Circular Gravity Sewer Pipe In @ 4 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **11.38** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Broken**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection

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### 6 in. Circular Gravity Sewer

Pipe In @ 5 O'Clock



Channel deterioration.

Rod and Bar (Angled)

Pipe Material: **Unknown** ☐ Pipe Lined

Invert Depth: **11.32** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **House connection / Service line**

☐ Possible Illicit Connection

### Pipe In @ 7 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: (ft.) Flow Characteristics:

Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: Pipe Seal Cond:

Drop: **None**

Connects To: **Stub connection / abandoned**

☐ Possible Illicit Connection